

Atty. Docket No. YOR920010266US2  
(590.071)

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. **(Currently Amended)** A binary decision diagram package comprising:  
  
an arrangement for identifying at least two nodes in a graph;  
  
said identifying arrangement being adapted to assign integer numbers to different nodes, whereby the use of pointers is precluded and ~~at least a partial~~ an order among the nodes is maintained.
2. **(Original)** The package according to Claim 1, wherein said identifying arrangement is adapted to assign consecutive integer numbers to different nodes.
3. **(Original)** The package according to Claim 1, wherein said identifying arrangement is adapted to assign to a given node an integer number which coincides with an index in a memory array in which the node resides.
4. **(Original)** The package according to Claim 1, wherein said identifying arrangement is adapted to access an indexed node via a paging access scheme.
5. **(Original)** The package according to Claim 4, wherein said identifying arrangement is adapted to access an indexed node via a two-step paging access scheme.

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6. **(Original)** The package according to Claim 1, wherein said identifying arrangement is adapted to avoid the use of reference counts.

7. **(Original)** The package according to Claim 1, wherein the graph is a directed acyclic graph.

8. **(Currently Amended)** A method of employing a binary decision diagram package, said method comprising the steps of:

identifying at least two nodes in a graph;

said identifying step comprising assigning integer numbers to different nodes, whereby the use of pointers is precluded and ~~at least a partial~~ an order among the nodes is maintained.

9. **(Original)** The method according to Claim 8, wherein said assigning step comprises assigning consecutive integer numbers to different nodes.

10. **(Original)** The method according to Claim 8, wherein said assigning step comprises assigning to a given node an integer number which coincides with an index in a memory array in which the node resides.

11. **(Original)** The method according to Claim 8, wherein said identifying step comprises accessing an indexed node via a paging access scheme.

12. **(Original)** The method according to Claim 11, wherein said accessing step comprises accessing an indexed node via a two-step paging access scheme.

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13. **(Previously Presented)** The method according to Claim 78, wherein said identifying step includes avoiding the use of reference counts.

14. **(Previously Presented)** The method according to Claim 78, wherein the graph is a directed acyclic graph.

15. **(Currently Amended)** A program storage device readable by machine, tangibly embodying a program of instructions executable by the machine to perform method steps for employing a binary decision diagram package, said method comprising the steps of:

identifying at least two nodes in a graph;

said identifying step comprising assigning integer numbers to different nodes, whereby the use of pointers is precluded and ~~at least a partial~~ an order among the nodes is maintained.